



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRANSMITTAL FORM

Allen et al.

Serial No.: 10/072,522

For: METHOD AND COMPUTER DATA FOR SET SEPARATION

RECEIVED

Filed: February 6, 2002

APR 09 2002

Examiner: Not yet assigned

Technology Center 2100

Art Unit: Not yet assigned

Attorney Docket: SJO920010052US1

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith is:

1. Information Disclosure Statement;
2. PTO Form 1449 with copies of patents and article;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: April 3, 2002

Paul D. Greeley, Esq.
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682
(203) 327-4500

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON APRIL 3, 2002.

Kenroy A. Browne
NAME

SIGNATURE

04/03/02
DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2
IDS
MAA
6/17/02

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

- ☒ **XXX** Within three (3) months of the filing date of the national application;
- ☐ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- ☐ Before the mailing date of a first Office Action on the merits;
- ☐ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- ☐ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- ☐ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and



After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(l)(1).

Enclosed are copies of U.S. Patent Nos.:

4,310,883; 5,428,758; 5,506,986; 5,644,696; 5,761,503; 5,761,676;
5,790,886; 5,812,565; 5,608,890; 5,761,667; 5,872,970; 6,026,462;
6,029,178; 6,065,108; 6,115,784; and 6,118,015.

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The following article is also enclosed:

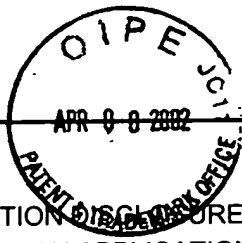
L. R. Stone, T. S. Nettleship and J. Curtis, "*VM/EFSA CMS Shared File System*",
IBM Systems Journal, Vol. 30, No. 1, 1991.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,

April 3, 2002

Paul D. Greeley
Reg. No. 31,019
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One Landmark Square, 10th Floor
Stamford, CT 06901-2682
(203) 327-4500



FORM PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

SJO920010052US1

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Applicant

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Filing Date

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Group Art Unit

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,310,883	1/12/82	Clifton et al.	364	200	
	5,428,758	6/27/95	Salsburg	395	400	
	5,506,986	4/9/96	Healy	395	600	
	5,644,696	7/1/97	Pearson et al.	395	182.04	
	5,761,503	6/2/98	Fisher	711	170	
	5,761,676	6/2/98	Wood et al.	707	202	
	5,790,886	8/4/98	Allen	395	825	
	5,812,565	9/22/98	Fendt et al.	371	40.2	
	5,608,890	3/1/97	Berger et al.	395	440	
	6,029,178	2/22/00	Martin et al.	707	201	
	6,065,108	5/16/00	Tremblay et al.	712	201	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	10020921	1/23/98	Japan (Abstract)			X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

IBM Technical Disclosure Bulletin, "*DASD Retrieval Via Outboard Multilevel Index Scan*",
p. 339-341, June 1979.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through
citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,115,784	9/5/00	Dorricott et al.	711	102	
	6,189,015	2/13/01	Reed et al.	707	201	

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						YES	NO

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